

CLAIMS

1) A controlled-pressure drop liner device comprising a circumscribed filter element (9) centred on a base tube (1) by longitudinal braces (14) in relation to the axis of the tube and arranged according to the diameter of the tube so as to divide the annular space defined by the filter element and the tube into sectors delimited by said braces,
5 and in which collecting tubes (5) are arranged and open into said sectors by one end.

2) A device as claimed in claim 1, wherein said braces comprise openings (16, 17) so that the sectors communicate hydraulically with one another.

3) A device as claimed in any one of the previous claims, wherein the annular
10 space between the base tube and the filter element is closed at both ends by crown-shaped parts (4 ; 10) and wherein said collecting tubes (5) are fastened to one face of a crown at the level of bores (18) in the crown so that the inner channel of each collecting tube communicates with the other face (7) of the crown.

4) A device as claimed in claim 3, wherein said crown comprises means (19) for
15 closing said bores (8).

5) A device as claimed in any one of claims 3 or 4, wherein said annular space is closed at both ends by crowns (4) carrying collecting tubes (5).

6) A device as claimed in any one of the previous claims, wherein openings (11) in base tube (1) allow flow of an effluent in the inner space of said tube after circulation
20 through filter element (9) and collecting tubes (5), and wherein a sliding sleeve (20) inside the base tube is suited to close said openings.

7) Application of the device as claimed in any one of the previous claims for forming a filter pipe placed in a drain hole intended for collection of an effluent.

8) Application of the device as claimed in any one of claims 1 to 6 for forming a filter pipe placed in a drain hole intended for injection of a fluid.